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<110> Shaughnessy, John D.
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Tyr	His	Phe	Met	Lys	Asp	Ala	Thr	Ala	Phe	Cys	Ala	Glu	Leu	Leu	470	475	480
His	Val	Lys	Gln	Gln	Val	Ser	Ala	Gly	Lys	Arg	Ser	Gln	Ala	Cys	485	490	495
His	Asp	Gly	Cys	Cys	Ser	Leu									500		

<210> 6
 <211> 288
 <212> PRT
 <213> *Homo sapiens*

<220>

<221> peptide
 <223> Human Evi27 protein

Met	Ser	Leu	Val	Leu	Ile	Ser	Leu	Ala	Ala	Leu	Cys	Arg	Ser	Ala	<400>	6	
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Val	Pro	Arg	Glu	Pro	Thr	Val	Gln	Cys	Gly	Ser	Glu	Thr	Gly	Pro		20	25
				20					25					30			
Ser	Pro	Glu	Trp	Met	Leu	Gln	His	Asp	Leu	Ile	Pro	Gly	Asp	Leu		35	40
				35					40					45			
Arg	Asp	Leu	Arg	Val	Glu	Pro	Val	Thr	Thr	Ser	Val	Ala	Thr	Gly		50	55
				50					55					60			
Asp	Tyr	Ser	Ile	Leu	Met	Asn	Val	Ser	Trp	Val	Leu	Arg	Ala	Asp		65	70
				65					70					75			
Ala	Ser	Ile	Arg	Leu	Leu	Lys	Ala	Thr	Lys	Ile	Cys	Val	Thr	Gly		80	85
				80					85					90			
Lys	Ser	Asn	Phe	Gln	Ser	Tyr	Ser	Cys	Val	Arg	Cys	Asn	Tyr	Thr		95	100
				95					100					105			
Glu	Ala	Phe	Gln	Thr	Gln	Thr	Arg	Pro	Ser	Gly	Gly	Lys	Trp	Thr		110	115
				110					115					120			
Phe	Ser	Tyr	Ile	Gly	Phe	Pro	Val	Glu	Leu	Asn	Thr	Val	Tyr	Phe		125	130
				125					130					135			
Ile	Gly	Ala	His	Asn	Ile	Pro	Asn	Ala	Asn	Met	Asn	Glu	Asp	Gly		140	145
				140					145					150			
Pro	Ser	Met	Ser	Val	Asn	Phe	Thr	Ser	Pro	Gly	Cys	Leu	Asp	His		155	160
				155					160					165			

Ile	Met	Lys	Tyr	Lys	Lys	Lys	Cys	Val	Lys	Ala	Gly	Ser	Leu	Trp
				170					175					180
Asp	Pro	Asn	Ile	Thr	Ala	Cys	Lys	Lys	Asn	Glu	Glu	Thr	Val	Glu
				185					190					195
Val	Asn	Phe	Thr	Thr	Thr	Pro	Leu	Gly	Asn	Arg	Tyr	Met	Ala	Leu
				200					205					210
Ile	Gln	His	Ser	Thr	Ile	Ile	Gly	Phe	Ser	Gln	Val	Phe	Glu	Pro
				215					220					225
His	Gln	Lys	Lys	Gln	Thr	Arg	Ala	Ser	Val	Val	Ile	Pro	Val	Thr
				230					235					240
Gly	Asp	Ser	Glu	Gly	Ala	Thr	Val	Gln	Val	Lys	Phe	Ser	Glu	Leu
				245					250					255
Leu	Trp	Gly	Gly	Lys	Gly	His	Arg	Arg	Leu	Phe	His	His	Ser	Leu
				260					265					270
Leu	Leu	Arg	Met	Ser	Ser	Leu	Leu	Ser	Asn	Ala	Leu	Leu	Pro	Ala
				275					280					285
Asp	Thr	Ser												
				288										

<210> 7
 <211> 499
 <212> PRT
 <213> Unknown

<220>

<221> peptide
 <223> Mouse Evi27 protein

<400> 7

Met	Leu	Leu	Val	Leu	Leu	Ile	Leu	Ala	Ala	Ser	Cys	Arg	Ser	Ala
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Leu	Pro	Arg	Glu	Pro	Thr	Ile	Gln	Cys	Gly	Ser	Glu	Thr	Gly	Pro
				20					25					30
Ser	Pro	Glu	Trp	Met	Val	Gln	His	Thr	Leu	Thr	Pro	Gly	Asp	Leu
				35					40					45
Arg	Asp	Leu	Gln	Val	Glu	Leu	Val	Lys	Thr	Ser	Val	Ala	Ala	Glu
				50					55					60
Glu	Phe	Ser	Ile	Leu	Met	Asn	Ile	Ser	Trp	Ile	Leu	Arg	Ala	Asp
				65					70					75
Ala	Ser	Ile	Arg	Leu	Leu	Lys	Ala	Thr	Lys	Ile	Cys	Val	Ser	Gly
				80					85					90
Lys	Asn	Asn	Met	Asn	Ser	Tyr	Ser	Cys	Val	Arg	Cys	Asn	Tyr	Thr
				95					100					105
Glu	Ala	Phe	Gln	Ser	Gln	Thr	Arg	Pro	Ser	Gly	Gly	Lys	Trp	Thr
				110					115					120
Phe	Ser	Tyr	Val	Gly	Phe	Pro	Val	Glu	Leu	Ser	Thr	Leu	Tyr	Leu
				125					130					135
Ile	Ser	Ala	His	Asn	Ile	Pro	Asn	Ala	Asn	Met	Asn	Glu	Asp	Ser
				140					145					150
Pro	Ser	Leu	Ser	Val	Asn	Phe	Thr	Ser	Pro	Gly	Cys	Leu	Asn	His
				155					160					165

Val	Met	Lys	Tyr	Lys	Lys	Gln	Cys	Thr	Glu	Ala	Gly	Ser	Leu	Trp	170	175	180
Asp	Pro	Asp	Ile	Thr	Ala	Cys	Lys	Lys	Asn	Glu	Lys	Met	Val	Glu	185	190	195
Val	Asn	Phe	Thr	Thr	Asn	Pro	Leu	Gly	Asn	Arg	Tyr	Thr	Ile	Leu	200	205	210
Ile	Gln	Arg	Asp	Thr	Thr	Leu	Gly	Phe	Ser	Arg	Val	Leu	Glu	Asn	215	220	225
Lys	Leu	Met	Arg	Thr	Ser	Val	Ala	Ile	Pro	Val	Thr	Glu	Glu	Ser	230	235	240
Glu	Gly	Ala	Val	Val	Gln	Leu	Thr	Pro	Tyr	Leu	His	Thr	Cys	Gly	245	250	255
Asn	Asp	Cys	Ile	Arg	Arg	Glu	Gly	Thr	Val	Val	Leu	Cys	Ser	Glu	260	265	270
Thr	Ser	Ala	Pro	Ile	Pro	Pro	Asp	Asp	Asn	Arg	Arg	Met	Leu	Gly	275	280	285
Gly	Trp	Leu	Pro	Leu	Phe	Leu	Val	Leu	Leu	Val	Ala	Val	Trp	Val	290	295	300
Leu	Ala	Ala	Gly	Ile	Tyr	Leu	Thr	Trp	Arg	Gln	Gly	Arg	Ser	Thr	305	310	315
Lys	Thr	Ser	Phe	Pro	Ile	Ser	Thr	Met	Leu	Leu	Pro	Leu	Ile	Lys	320	325	330
Val	Leu	Val	Val	Tyr	Pro	Ser	Glu	Ile	Cys	Phe	His	His	Thr	Val	335	340	345
Cys	Arg	Phe	Thr	Asp	Phe	Leu	Gln	Asn	Tyr	Cys	Arg	Ser	Glu	Val	350	355	360
Ile	Leu	Glu	Lys	Trp	Gln	Lys	Lys	Lys	Ile	Ala	Glu	Met	Gly	Pro	365	370	375
Val	Gln	Trp	Leu	Thr	Thr	Gln	Lys	Gln	Ala	Ala	Asp	Lys	Val	Val	380	385	390
Phe	Leu	Leu	Pro	Ser	Asp	Val	Pro	Thr	Leu	Cys	Asp	Ser	Ala	Cys	395	400	405
Gly	His	Asn	Glu	Gly	Ser	Ala	Arg	Glu	Asn	Ser	Gln	Asp	Leu	Phe	410	415	420
Pro	Leu	Ala	Phe	Asn	Leu	Phe	Cys	Ser	Asp	Phe	Ser	Ser	Gln	Thr	425	430	435
His	Leu	His	Lys	Tyr	Leu	Val	Val	Tyr	Leu	Gly	Gly	Ala	Asp	Leu	440	445	450
Lys	Gly	Asp	Tyr	Asn	Ala	Leu	Ser	Val	Cys	Pro	Gln	Tyr	His	Leu	455	460	465
Met	Lys	Asp	Ala	Thr	Ala	Phe	His	Thr	Glu	Leu	Leu	Lys	Ala	Thr	470	475	480
Gln	Ser	Met	Ser	Val	Lys	Lys	Arg	Ser	Gln	Ala	Cys	His	Asp	Ser	485	490	495
Cys	Ser	Pro	Leu														

<210>	8
<211>	289
<212>	PRT
<213>	Unknown

<220>

<221> peptide

<223> Mouse Evi27 protein

<400> 8

Met	Leu	Leu	Val	Leu	Leu	Ile	Leu	Ala	Ala	Ser	Cys	Arg	Ser	Ala	
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Leu	Pro	Arg	Glu	Pro	Thr	Ile	Gln	Cys	Gly	Ser	Glu	Thr	Gly	Pro	
				20					25					30	
Ser	Pro	Glu	Trp	Met	Val	Gln	His	Thr	Leu	Thr	Pro	Gly	Asp	Leu	
				35					40					45	
Arg	Asp	Leu	Gln	Val	Glu	Leu	Val	Lys	Thr	Ser	Val	Ala	Ala	Glu	
				50					55					60	
Glu	Phe	Ser	Ile	Leu	Met	Asn	Ile	Ser	Trp	Ile	Leu	Arg	Ala	Asp	
				65					70					75	
Ala	Ser	Ile	Arg	Leu	Leu	Lys	Ala	Thr	Lys	Ile	Cys	Val	Ser	Gly	
				80					85					90	
Lys	Asn	Asn	Met	Asn	Ser	Tyr	Ser	Cys	Val	Arg	Cys	Asn	Tyr	Thr	
				95					100					105	
Glu	Ala	Phe	Gln	Ser	Gln	Thr	Arg	Pro	Ser	Gly	Gly	Lys	Trp	Thr	
				110					115					120	
Phe	Ser	Tyr	Val	Gly	Phe	Pro	Val	Glu	Leu	Ser	Thr	Leu	Tyr	Leu	
				125					130					135	
Ile	Ser	Ala	His	Asn	Ile	Pro	Asn	Ala	Asn	Met	Asn	Glu	Asp	Ser	
				140					145					150	
Pro	Ser	Leu	Ser	Val	Asn	Phe	Thr	Ser	Pro	Gly	Cys	Leu	Asn	His	
				155					160					165	
Val	Met	Lys	Tyr	Lys	Lys	Gln	Cys	Thr	Glu	Ala	Gly	Ser	Leu	Trp	
				170					175					180	
Asp	Pro	Asp	Ile	Thr	Ala	Cys	Lys	Lys	Asn	Glu	Lys	Met	Val	Glu	
				185					190					195	
Val	Asn	Phe	Thr	Thr	Asn	Pro	Leu	Gly	Asn	Arg	Tyr	Thr	Ile	Leu	
				200					205					210	
Ile	Gln	Arg	Asp	Thr	Thr	Leu	Gly	Phe	Ser	Arg	Val	Leu	Glu	Asn	
				215					220					225	
Lys	Leu	Met	Arg	Thr	Ser	Val	Ala	Ile	Pro	Val	Thr	Glu	Glu	Ser	
				230					235					240	
Glu	Gly	Ala	Val	Val	Gln	Leu	Thr	Pro	Tyr	Leu	His	Thr	Cys	Gly	
				245					250					255	
Asn	Asp	Cys	Ile	Arg	Arg	Glu	Gly	Thr	Val	Val	Leu	Cys	Ser	Glu	
				260					265					270	
Thr	Ser	Ala	Pro	Ile	Pro	Pro	Asp	Asp	Asn	Arg	Arg	Met	Leu	Gly	
				275					280					285	
Gly	Trp	Leu	Pro												
				289											

<210> 9

<211> 866

<212> PRT

<213> Unknown

<220>

<221> peptide

<223> IL-17 receptor protein

<400> 9

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Leu	Gly	Leu	Leu	Leu	Leu	Leu	Leu	Gly	Val	Leu	Ala	Pro	Gly	Gly	
				20					25					30	
Ala	Ser	Leu	Arg	Leu	Leu	Asp	His	Arg	Ala	Leu	Val	Cys	Ser	Gln	
				35					40					45	
Pro	Gly	Leu	Asn	Cys	Thr	Val	Lys	Asn	Ser	Thr	Cys	Leu	Asp	Asp	
				50					55					60	
Ser	Trp	Ile	His	Pro	Arg	Asn	Leu	Thr	Pro	Ser	Ser	Pro	Lys	Asp	
				65					70					75	
Leu	Gln	Ile	Gln	Leu	His	Phe	Ala	His	Thr	Gln	Gln	Gly	Asp	Leu	
				80					85					90	
Phe	Pro	Val	Ala	His	Ile	Glu	Trp	Thr	Leu	Gln	Thr	Asp	Ala	Ser	
				95					100					105	
Ile	Leu	Tyr	Leu	Glu	Gly	Ala	Glu	Leu	Ser	Val	Leu	Gln	Leu	Asn	
				110					115					120	
Thr	Asn	Glu	Arg	Leu	Cys	Val	Arg	Phe	Glu	Phe	Leu	Ser	Lys	Leu	
				125					130					135	
Arg	His	His	His	Arg	Arg	Trp	Arg	Phe	Thr	Phe	Ser	His	Phe	Val	
				140					145					150	
Val	Asp	Pro	Asp	Gln	Glu	Tyr	Glu	Val	Thr	Val	His	His	Leu	Pro	
				155					160					165	
Lys	Pro	Ile	Pro	Asp	Gly	Asp	Pro	Asn	His	Gln	Ser	Lys	Asn	Phe	
				170					175					180	
Leu	Val	Pro	Asp	Cys	Glu	His	Ala	Arg	Met	Lys	Val	Thr	Thr	Pro	
				185					190					195	
Cys	Met	Ser	Ser	Gly	Ser	Leu	Trp	Asp	Pro	Asn	Ile	Thr	Val	Glu	
				200					205					210	
Thr	Leu	Glu	Ala	His	Gln	Leu	Arg	Val	Ser	Phe	Thr	Leu	Trp	Asn	
				215					220					225	
Glu	Ser	Thr	His	Tyr	Gln	Ile	Leu	Leu	Thr	Ser	Phe	Pro	His	Met	
				230					235					240	
Glu	Asn	His	Ser	Cys	Phe	Glu	His	Met	His	His	Ile	Pro	Ala	Pro	
				245					250					255	
Arg	Pro	Glu	Glu	Phe	His	Gln	Arg	Ser	Asn	Val	Thr	Leu	Thr	Leu	
				260					265					270	
Arg	Asn	Leu	Lys	Gly	Cys	Cys	Arg	His	Gln	Val	Gln	Ile	Gln	Pro	
				275					280					285	
Phe	Phe	Ser	Ser	Cys	Leu	Asn	Asp	Cys	Leu	Arg	His	Ser	Ala	Thr	
				290					295					300	
Val	Ser	Cys	Pro	Glu	Met	Pro	Asp	Thr	Pro	Glu	Pro	Ile	Pro	Asp	
				305					310					315	
Tyr	Met	Pro	Leu	Trp	Val	Tyr	Trp	Phe	Ile	Thr	Gly	Ile	Ser	Ile	
				320					325					330	
Leu	Leu	Val	Gly	Ser	Val	Ile	Leu	Leu	Ile	Val	Cys	Met	Thr	Trp	
				335					340					345	

Arg	Leu	Ala	Gly	Pro	Gly	Ser	Glu	Lys	Tyr	Ser	Asp	Asp	Thr	Lys
				350					355					360
Tyr	Thr	Asp	Gly	Leu	Pro	Ala	Ala	Asp	Leu	Ile	Pro	Pro	Pro	Leu
				365					370					375
Lys	Pro	Arg	Lys	Val	Trp	Ile	Ile	Tyr	Ser	Ala	Asp	His	Pro	Leu
				380					385					390
Tyr	Val	Asp	Val	Val	Leu	Lys	Phe	Ala	Gln	Phe	Leu	Leu	Thr	Ala
				395					400					405
Cys	Gly	Thr	Glu	Val	Ala	Leu	Asp	Leu	Leu	Glu	Glu	Gln	Ala	Ile
				410					415					420
Ser	Glu	Ala	Gly	Val	Met	Thr	Trp	Val	Gly	Arg	Gln	Lys	Gln	Glu
				425					430					435
Met	Val	Glu	Ser	Asn	Ser	Lys	Ile	Ile	Val	Leu	Cys	Ser	Arg	Gly
				440					445					450
Thr	Arg	Ala	Lys	Trp	Gln	Ala	Leu	Leu	Gly	Arg	Gly	Ala	Pro	Val
				455					460					465
Arg	Leu	Arg	Cys	Asp	His	Gly	Lys	Pro	Val	Gly	Asp	Leu	Phe	Thr
				470					475					480
Ala	Ala	Met	Asn	Met	Ile	Leu	Pro	Asp	Phe	Lys	Arg	Pro	Ala	Cys
				485					490					495
Phe	Gly	Thr	Tyr	Val	Val	Cys	Tyr	Phe	Ser	Glu	Val	Ser	Cys	Asp
				500					505					510
Gly	Asp	Val	Pro	Asp	Leu	Phe	Gly	Ala	Ala	Pro	Arg	Tyr	Pro	Leu
				515					520					525
Met	Asp	Arg	Phe	Glu	Glu	Val	Tyr	Phe	Arg	Ile	Gln	Asp	Leu	Glu
				530					535					540
Met	Phe	Gln	Pro	Gly	Arg	Met	His	Arg	Val	Gly	Glu	Leu	Ser	Gly
				545					550					555
Asp	Asn	Tyr	Leu	Arg	Ser	Pro	Gly	Gly	Arg	Gln	Leu	Arg	Ala	Ala
				560					565					570
Leu	Asp	Arg	Phe	Arg	Asp	Trp	Gln	Val	Arg	Cys	Pro	Asp	Trp	Phe
				575					580					585
Glu	Cys	Glu	Asn	Leu	Tyr	Ser	Ala	Asp	Asp	Gln	Asp	Ala	Pro	Ser
				590					595					600
Leu	Asp	Glu	Glu	Val	Phe	Glu	Glu	Pro	Leu	Leu	Pro	Pro	Gly	Thr
				605					610					615
Gly	Ile	Val	Lys	Arg	Ala	Pro	Leu	Val	Arg	Glu	Pro	Gly	Ser	Gln
				620					625					630
Ala	Cys	Leu	Ala	Ile	Asp	Pro	Leu	Val	Gly	Glu	Glu	Gly	Gly	Ala
				635					640					645
Ala	Val	Ala	Lys	Leu	Glu	Pro	His	Leu	Gln	Pro	Arg	Gly	Gln	Pro
				650					655					660
Ala	Pro	Gln	Pro	Leu	His	Thr	Leu	Val	Leu	Ala	Ala	Glu	Glu	Gly
				665					670					675
Ala	Leu	Val	Ala	Ala	Val	Glu	Pro	Gly	Pro	Leu	Ala	Asp	Gly	Ala
				680					685					690
Ala	Val	Arg	Leu	Ala	Leu	Ala	Gly	Glu	Gly	Glu	Ala	Cys	Pro	Leu
				695					700					705
Leu	Gly	Ser	Pro	Gly	Ala	Gly	Arg	Asn	Ser	Val	Leu	Phe	Leu	Pro
				710					715					720
Val	Asp	Pro	Glu	Asp	Ser	Pro	Leu	Gly	Ser	Ser	Thr	Pro	Met	Ala
				725					730					735

Ser	Pro	Asp	Leu	Leu	Pro	Glu	Asp	Val	Arg	Glu	His	Leu	Glu	Gly
				740					745					750
Leu	Met	Leu	Ser	Leu	Phe	Glu	Gln	Ser	Leu	Ser	Cys	Gln	Ala	Gln
				755					760					765
Gly	Gly	Cys	Ser	Arg	Pro	Ala	Met	Val	Leu	Thr	Asp	Pro	His	Thr
				770					775					780
Pro	Tyr	Glu	Glu	Glu	Gln	Arg	Gln	Ser	Val	Gln	Ser	Asp	Gln	Gly
				785					790					795
Tyr	Ile	Ser	Arg	Ser	Ser	Pro	Gln	Pro	Pro	Glu	Gly	Leu	Thr	Glu
				800					805					810
Met	Glu	Glu	Glu	Glu	Glu	Glu	Glu	Gln	Asp	Pro	Gly	Lys	Pro	Ala
				815					820					825
Leu	Pro	Leu	Ser	Pro	Glu	Asp	Leu	Glu	Ser	Leu	Pro	Ser	Leu	Gln
				830					835					840
Arg	Gln	Leu	Leu	Phe	Arg	Gln	Leu	Gln	Lys	Asn	Ser	Gly	Trp	Asp
				845					850					855
Thr	Met	Gly	Ser	Glu	Ser	Glu	Gly	Pro	Ser	Ala				
				860					865					